

What is Claimed Is:

1. A method for calibrating sensors, preferably in a motor vehicle,

wherein

- at least two sensors are calibrated, the at least two sensors being of a different sensor type,
- and the sensors are calibrated, using a common calibration object.

2. The method as recited in Claim 1,

wherein calibration data are determined in one operation.

3. The method as recited in Claim 2, characterized by the following steps:

- aligning the at least two sensors in such a way that the calibration object is in each detection range of the at least two sensors;
- detecting at least one part of the calibration object, using the at least two sensors;
- determining the calibration data for the at least two sensors from the determined data of the detected calibration object.

4. The method as recited in Claim 2 or 3,

wherein the calibration data are stored and/or analyzed and/or displayed and/or transmitted and/or further processed.

5. The method as recited in one of Claims 2 through 4,

wherein, in addition to the data of the detected calibration object determined by the at least one sensor, measured data of at least one other sensor is used as a reference for determining the calibration data of at least one sensor, this at least one reference sensor using the detected calibration object.

6. The method as recited in one of the preceding claims, wherein at least one image sensor system and at least one radar sensor are used.

7. A device for implementing the method as recited in one of the preceding claims, wherein the device includes at least two sensors, at least one analyzing unit and one calibration object.

8. A calibration object for calibrating sensors, preferably in a motor vehicle, wherein the calibration object has at least one reference feature, the calibration object being usable for calibrating at least two sensors and the at least two sensors being of a different sensor type.

9. The calibration object as recited in Claim 8, wherein the spatial position of the at least one reference feature is known and/or the calibration object is usable for determining calibration data of the at least two sensors in one operation.

10. The calibration object as recited in Claim 8 or 9, wherein at least one image sensor system and/or at least one radar sensor and/or at least two reference features are used.

11. The calibration object as recited in one of Claims 8 through 10, wherein at least one triple mirror is used as a reference feature.

12. The calibration object as recited in Claim 11, wherein calibration marks are placed on the triple mirror.